

TOPIC: Government Floor Space Provided to EDS

ISSUE:

- An EDS infrastructure redesign modified the types of server farms to be built to provide NMCI service.
- The space requirements within the contract do not sufficiently detail the functional use EDS intends for the space, or required characteristics of the space.
- The floor space requirements specified in the contract need to be refined.

DECISION:

- The location of NMCI equipment facilities, such as server farms, will be determined by the system architecture and agreed to by the Government.
- The Government will furnish the Contractor with 934,500 square feet of permanent facilities for equipment, storage, and administrative space for its exclusive use during the period of the contract. The Government will also provide facilities for temporary storage and working space (referred to as temporary admin, imaging, and LADRA in tables below). Type and size of space to be provided will be based on availability and will vary at each site. Specifically, permanent admin and warehouse spaces and all temporary spaces shall be on an as available basis. These facilities shall be provided at no charge to the Contractor; however, fit-up of the facilities to Contractor specifications will not be provided by the Government. The Contractor is responsible for initial fit up, however the Government is responsible for fit-up costs that the Contractor incurs as a result of Government required moves.
- Space requirements tables for NOCs, server farms, POPs, and base level support are as specified below:

NOC and Regional Server Farm Space Requirements Table

Facility	Facility Space Requirements (Sq. Ft.)	Permanent Admin (Sq. Ft.)	Temporary Admin*** (Sq. Ft.)	Permanent Warehouse (Sq. Ft.)	Temporary Warehouse (Sq. Ft.)	Temporary Imaging (Sq. Ft.)
Global NOC						
Hardware	65,000	Included in Facility Space	Included in Facility Space	Included Below	Included Below	Not Applicable
Help Desk	55,000	Included in Facility Space	Included in Facility Space	Not Applicable	Not Applicable	Not Applicable
Regional NOC	40,000	Included in Facility Space	Included Below	Included Below	Included Below	Included Below
Server Farms						
Very Large	7250	3000	2500	3600	5000	2000
Large	4850	2200	1800	3000	3000	1000
Medium	3000	1100	1300	1700	2500	800
Small	1850	700	400	1600	2000	800

Space Requirements Table
(Micro Server Farm/POP Locations)

Server Farm Size	Number of Seats	Facility Space Requirements (Sq. Ft.)	Permanent Admin (Work-stations)	Temporary Admin*** (Work-stations)	Permanent Warehouse (Sq. Ft.)	Temporary Warehouse (Sq. Ft.)	Temporary Imaging (Sq. Ft.)
POP	0-20	40	0	2	100	0	50
POP	21-50	40	2	2	200	200	100
POP	51-100	40	2	4	400	400	200
POP	101-200	60	4	4	800	800	400
POP**	201-450	60	6	8	1,000	1,200	600
Micro	451-700	715*	10	8	1,200	1,600	800
Micro	701-1,000	715*	14	8	1,400	2,000	800
Micro	1,001 - 5,000	715*	20	22	1,700	2,500	1000
Micro	5,001 +	715*	30	25	3,000	3,000	2000

Server Farm Size	Number of Seats	Permanent Admin (Sq. Ft.)	Temporary Admin* (Sq. Ft.)	Permanent Warehouse (Sq. Ft.)	Temporary Warehouse (Sq. Ft.)	Temporary Imaging (Sq. Ft.)
Regional	10,001 - 15,000	5,000	2,500	3,600	5,000	2000

* Facility space requirement for Micro Server Farms increases to 880 sq. ft. if the DEMARK equipment is included (this only applies to Micro Server Farm/POP locations chart above).

** Large POPs (> 450 seats) require approximately 450 sq. ft. of facility space. For other large POP spaces, refer to appropriate Micro Server Farm size for the associated number of seats above.

*** LADRA administrative space is not included. It shall be determined on a site-by-site basis by mutual agreement between the Government and the Contractor (this applies to the NOC and Regional Server Farm Space Requirements Table and the Regional Server Farm Table above).

- The minimum floor loading capacity for Points of Presence, server farms, and NOCs shall be 150 pounds per square foot. The minimum loading capacity for all other permanent spaces shall be 75 pounds per square foot. If available, power room shall be located on existing slab-on-grade construction. Space must meet the following requirements:

- Structures shall be weather tight (including roofs) prior to the scheduled move-in of NMCI equipment.
- Hard-floor to hard-ceiling height shall be a minimum of 12 feet for Regional Server Farm equipment rooms, and 10 feet for Micro Server Farm, Point of Presence, and Intermediate and Medium Distribution Facilities.
- Warehouses shall have a minimum 25-foot ceiling height, or additional space shall be provided.
- Administrative and server farm spaces shall be free of obstructions (i.e., columns), or additional space will be provided.

Agreement 26 Oct 03